WAMS 1380
Post Office Box 3677, Wilmington, Delaware 19807

Congratulations! This verifies your reception of radio station WAMS, in Delaware, the first state in the nation, on June 14 at 1:46pm. WAMS' format is Modern Country, seven days a week. We use a 5,000 watt Harris MS-5A transmitter, with pulse duration modulation, as our main, with a 5,000 watt Gates BC-5P2, from 1958, and a 1,000 watt Western Electric from the 1930's as our stand by transmitters. We operate the Harris in low for our night power of 1,000 watts. WAMS is 5,000 watts during the day. We transmit two channel stereo using the Kahn system, which is capable of 30 DB seperation.

We are very unique in the WAMS is one of only a few broadcast band stations in the world which is capable of using a directional antenna with three different patters (DA 3). During the day we use a protecting pattern to reduce interference to WBNX in New York, NY. Our news programs from ABC are beamed to us via RCA SAT-Satcom 6, which is flying over Washington state.

Our antenna is a five tower in-line array on a heading of 135° which beams our signal over Wilmington and towards the sea in all three patterns. This makes WAMS a difficult station to DX from most of the United States.

Thank you for your reception report of station WAMS as we are always interested in finding out how and where we are heard.

Sincerely,

John Simpson
Chief Engineer